GS Graduate School, USDA®
THE GOVERNMENT'S TRAINER

**Center for
Applied Technology**

PC ⚡ PULSE

The Newsletter of Microcomputer Training

Information Security Specialist Certification Program Draws Praise from Students

The Information Security Specialist Certification Program's initial two-week offering provided 10 computer professionals with a challenging introduction to the theory and practice of information security. The certification program offered students exposure to topics that included: computer security laws, directives and regulations, and software and hardware security. The two-week certification program is divided into three segments: a five-day workshop, Introduction to Information Security, a three-day workshop, Firewalls: Technology and a two-day workshop, Firewalls and VPN Implementation.

According to the U. S. Department of Labor projections, computer support specialists and systems administrators are projected to be among the fastest growing occupations over the 2000-2010 period. Within that occupational group, information security specialists will play an even more critical role in both private sector and federal computer operations as demonstrated by recent high-profile incidents of data hacking, virtual terrorism and intrusion.

The 10 students who completed the course enjoyed the mix of theoretical and practical knowledge. Staff Sergeant Matthew Guffey of the Air Force praised the course saying: "I've already used many of the concepts in my current position. This course really furthered me in my Air Force training."

Another student, Lisa Toland of Computer High Tech Management Associates, assessed the course as follows: "It's a great course. It helps you to focus and move forward. You learn so much in the two weeks."

**Information Security
Specialist
Certification Program
10-day workshop, 6.0 CEU**

Course #: SRTY9999T-N07

Tuition: $1,995

Schedule:
April 1-12, 2002
July 15-26, 2002

Web Graphics with Photoshop and ImageReady

This class is targeted toward beginning-level Web developers who are looking for a great tool to create graphics and Web content. The premise of the hands-on approach is to get you up to speed quickly in these programs.

A lot of background information and insights into each subject is presented, which helps you understand the process as well as the exercise. Photoshop and ImageReady in particular are oriented toward making Web Graphics faster to download and easier to make. Additionally, ImageReady even writes JavaScript code and HTML, something that traditional imaging programs have seldom broached. You will learn how to use these great tools and more. This class improves your skills in Web design and digital imaging.

Take the first step to creating more exciting Web pages, call (202) 314-3600 and register for Web Graphics.

**Photoshop and ImageReady
for Web Graphics**

Course #: INET9120T-N07

Tuition: $795

Schedule:
April 8-10, 2002
June 17-19, 2002

Do not forget!
The Desktop Certificate Program is fast approaching. March 4-29, 2002
Call us today and register at (202) 314-3614.

DOS and Windows Courses			March	April	May	June
Basic Concepts of Information Technology	COMP7709T-N07	$695			6-10	
Introduction to the Personal Computer & DOS	COMP7700T-N07	$295		4		
Personal Computer Techniques: Advanced	DWIN9778T-N07	$295		5		
Troubleshooting and Maintaining the PC	DWIN9833T-N07	$625	4-5		6-7	
Advanced Troubleshooting and PC Config.	DWIN8912T-N07	$725	6-7		8-9	
Microsoft Windows 98: Introduction	DWIN7749T-N07	$295	4		6	
Microsoft Windows 98: Intermediate	DWIN8845T-N07	$295	5		7	
Computer Keyboarding	DWIN7001T-N07	$400		22-23		
Upgrading Your Windows Skills to Win. 2000	DWIN9000T-N07	$295	4			

Internet Courses			March	April	May	June
Internet: Introduction	INET7702T-N07	$225	7		2	
Internet: Advanced	INET9714T-N07	$225	8		3	
Internet Search Engines and Research	INET7789T-N07	$225	15			
Intranet for Government and Business	INET8866T-N07	$225	14			
Structuring Information on the Web	INET9921T-N07	$495	28-29		30-31	
Microsoft FrontPage 98: Introduction	INET7689T-N07	$395	4-5		13-14	
Microsoft FrontPage 98: Advanced	INET9822T-N07	$595	6-8		15-17	
Microsoft FrontPage 2000: Introduction	INET7690T-N07	$395	11-12		6-7	
Java: Introduction	INET7718T-N07	$595	4-6		6-8	
Java: Applications Development	INET9939T-N07	$495	7-8		9-10	
HTML Programming: Introduction	INET7712T-N07	$495	4-5		6-7	
HTML Programming: Intermediate	INET8835T-N07	$495	6-7		8-9	
Web Server Development under Windows	INET7782T-N07	$495			2-3	
Creating Multimedia-Based Web Pages	INET9933T-N07	$695	4-6		29-31	
JavaScript Programming	INET7720T-N07	$950			6-10	
Macromedia Dreamweaver: Introduction	INET7885T-N07	$495	4-5		6-7	
Macromedia Dreamweaver: Advanced	INET9710T-N07	$495	27-28		15-16	

Spreadsheet Courses			March	April	May	June
Lotus 1-2-3 for Windows Version 5: Intro.	SPRD7798T-N07	$595		1-3		
Lotus 1-2-3 for Windows Version 5: Interm.	SPRD8867T-N07	$395		4-5		
Microsoft Excel 97: Introduction	SPRD7765T-N07	$495	11-13			17-19
Microsoft Excel 97: Intermediate	SPRD8848T-N07	$425	14-15			20-21
Microsoft Excel 2000: Introduction	SPRD7768T-N07	$495		15-17	13-15	
Microsoft Excel 2000: Intermediate	SPRD8851T-N07	$425		18-19	16-17	
Microsoft Excel 2000: Advanced	SPRD9932T-N07	$595		1-3		
Quattro Pro 8 for Windows 95/98: Introduction	SPRD7773T-N07	$495		1-3		
Quattro Pro 8 for Windows 95/98: Interm.	SPRD8856T-N07	$395		4-5		
Quattro Pro 8 for Windows 95/98: Advanced	SPRD9908T-N07	$395			6-7	

Database and Related Courses			March	April	May	June
Microsoft Access 97: Introduction	DBAS7777T-N07	$495	11-12			10-11
Microsoft Access 97: Intermediate	DBAS8859T-N07	$525	13-14			12-13
Microsoft Access 2000: Introduction	DBAS7780T-N07	$495		8-9	20-21	
Microsoft Access 2000: Intermediate	DBAS8862T-N07	$525		10-11	22-23	
Microsoft Access 97 Adv. Appl. Dev.	DBAS9949T-N07	$625			28-30	
Microsoft Access 2000: Adv. Appl. Dev	DBAS9952T-N07	$625	25-27			24-26
Paradox 8 for Windows 95/98: Introduction	DBAS7775T-N07	$395	4-5			

Presentations Courses			March	April	May	June
PowerPoint 97: Introduction	PRES7747T-N07	$395		22-23		3-4
PowerPoint 97: Intermediate	PRES8837T-N07	$395		24-25		5-6
PowerPoint 2000: Introduction	PRES7750T-N07	$395	18-19		6-7	
PowerPoint 2000: Intermediate	PRES8840T-N07	$395	20-21		8-9	
Corel Presentations for Windows: Introduction	PRES7720T-N07	$395		1-2		

Computer Programming Courses

Course	Code	Price	March	April	May	June
UNIX and C: Introduction	COMP7739T-N07	$495			28-30	
C Language Programming: Introduction	COMP7762T-N07	$795		1-5		
Fundamentals of C++ Programming	COMP7738T-N07	$795	2/25-1		6-10	
Object-Oriented Programming Using C++	COMP7879T-N07	$795	11-15		13-17	
Visual C++ and Windows Programming: Intro.	COMP7964T-N07	$895		8-12		
UNIX System V: Introduction	COMP7891T-N07	$895	18-22			10-14
UNIX System V: Administration	COMP8892T-N07	$795	8-12			
UNIX Shell Programming	COMP8895T-N07	$895		29------------3		
Applied UNIX System V: Admin. Workshop	COMP9893T-N07	$895		22-26		
IBM OS Job Control Language: Introduction	COMP7733T-N07	$595		10-12		
IBM OS Job Control Language for Users	COMP8730T-N07	$795	18-22			

Word Processing Courses

Course	Code	Price	March	April	May	June
WordPerfect 8: Introduction	WORD7737T-N07	$425	4-6		6-9	
WordPerfect 8: Advanced	WORD9903T-N07	$395	7-8		9-10	
WordPerfect 9: Introduction	WORD7763T-N07	$425		22-24		17-19
WordPerfect 9: Advanced	WORD9930T-N07	$395		25-26		20-21
Microsoft Word 97: Introduction	WORD7718T-N07	$395		15-17		
Microsoft Word 97: Intermediate	WORD8805T-N07	$395		18-19		
Microsoft Word 97: Advanced	WORD9914T-N07	$495		22-23		
Microsoft Word 2000: Introduction	WORD7721T-N07	$495	25-27			
Microsoft Word 2000: Intermediate	WORD8808T-N07	$395			23-24	
Microsoft Word 2000: Advanced	WORD9917T-N07	$495	25-27			3-5
Microsoft Word Macros Using VBA	WORD9882T-N07	$595	11-12			17-18

Desktop/Electronic Publishing Courses

Course	Code	Price	March	April	May	June
Desktop/Electronic Publishing Certificate Program	DTOP9900T-N07	$2,900	4-29			3-28
Desktop/Electronic Publishing: Introduction	DTOP7978T-N07	$495		22-23		17-18
Materials and Techniques in the Graphic Arts	DTOP8901T-N07	$495	18-19			3-4
Adobe PageMaker: Introduction	DTOP7966T-N07	$595		1-3		24-26
Adobe PageMaker: Intermediate	DTOP8971T-N07	$495		4-5		27-28
Adobe Photoshop: Introduction	DTOP7769T-N07	$595	11-13		20-22	
Adobe Photoshop: Intermediate	DTOP8869T-N07	$495	14-15		23-24	
Adobe Illustrator: Introduction	DTOP7901T-N07	$395		8-9		
QuarkXPress: Introduction	DTOP7816T-N07	$595			6-8	
QuarkXPress: Intermediate	DTOP8823T-N07	$495			9-10	
Digital Scanning	DTOP8903T-N07	$225	21			27
Electronic Pub. Using Adobe Acrobat: Intro.	DTOP7913T-N07	$495		18-19		18-19

New Courses in the 2001-2002 Catalog

Course	Code	Price	March	April	May	June
Java: Internet/Network Programming	INET9940T-N07	$895	25-29			10-14
Introduction to XML for the Web	INET7550T-N07	$895	2/25-1		6-10	
XML Application Development for the Web	INET9550T-N07	$895	25-29		20-24	
Building Accessible Web Sites	INET9020T-N07	$795	7-8		2-3	
Macromedia Flash: Advanced	INET9710T-N07	$495	27-28		15-16	
Internet/Web Client Server Programming	INET8850T-N07	$695		3-5		
Introducing Microsoft .NET	INET7510T-N07	$495			1-3	
UNIX/Apache Web Server Installation	COMP7800T-N07	$895	4-8			3-7
Wireless Mobile Networks	COMP7550T-N07	$495			9-10	
A+ Certification Program	TCOM9985T-N07	$1,750	11-22			10-21
Network+ Certification	TCOM9995T-N07	$895	25-29			24-28
Cisco Networking Certification Program	TCOM9999T-N07	$6,100			6-8/16	
Introduction to Database and Database Design	SOFT7004T-N07	$895	11-15			13-17
Introduction to Information Security	SRTY7000T-N07	$995		1-5		
Firewalls and VPN Implementation	SRTY8600T-N07	$495		11-12		

A⁺ Certification Program Kicks Off

*T*he Center for Applied Technology successfully initiated the A⁺ Certification program in December. The two-week workshop drew 14 participants from different industry areas and technology perspectives. The first section, the A⁺ Core Module, prepared students to install, upgrade, maintain, troubleshoot and repair personal computers. The second section, the A⁺ Operating System, provided the background to understand the networking information in Microsoft DOS/Windows 95/98, 2000 and NT 4.0.

The A⁺ Certification Program prepares students for a test that is designed to provide them with an industry-recognized Certification for computer service professionals. The test consists of two parts—The Core, and the Microsoft DOS/Windows module - and covers a broad range of hardware and software technologies not related to any vendor-specific products. A⁺ certification demonstrates that professionals possess the knowledge, technical expertise and other related skills essential for a successful entry-level computer service technician as defined by experts from companies across the industry.

The instructor, Robert Holmes, received high ratings from the participants. With more than 20 years of experience as an instructor and technology consultant, Robert comments about the participants who completed the course:

"Because of the challenging subject matter, the students developed a sense of camaraderie, exchanged numbers and developed an after-class network. The students particularly enjoyed the hands-on element of the course where participants dismantle computers to see and touch the parts. It's a unique element of the course."

Registration continues for the upcoming program, which will be presented on March 11-22, 2002. For information about classes on June 10-21, 2002 or September 9-20, 2002, please call (202) 314-3600 or register online at www.grad.usda.gov.

**A⁺ Certification Program
Two-week workshop, 6.0 CEU**

Course #: TCOM9985T-N07

Tuition: $1,750

**Schedule:
March 11-22, 2002
June 10-21, 2002
September 9-20, 2002**

FOSE 2002

Visit us at booth #2116 to find out how to win a *free* computer course.

March 19-21, 2001
Washington Convention Center